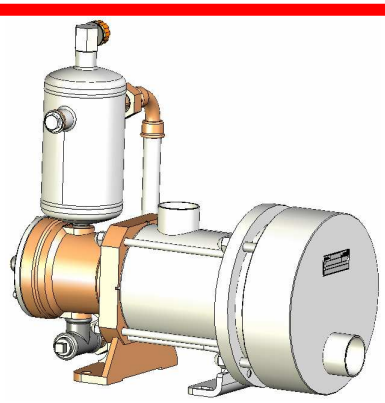
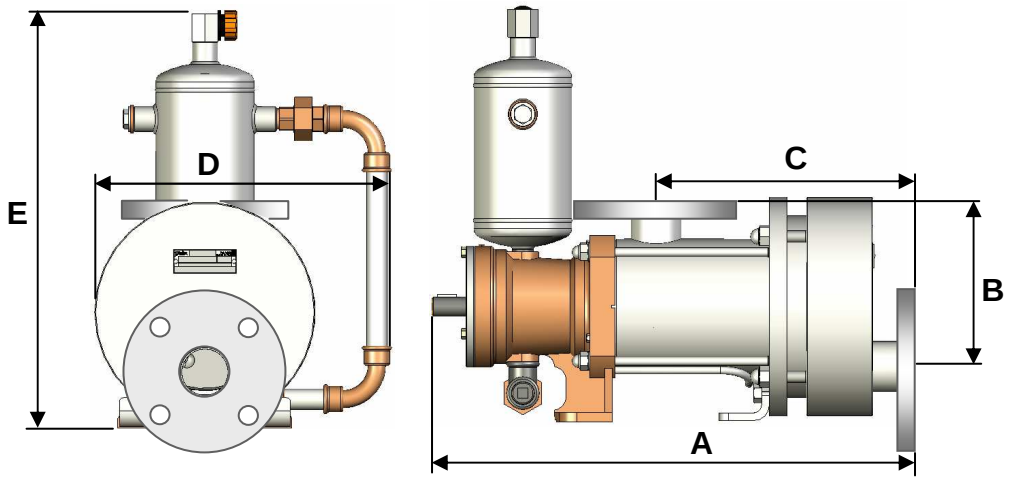
SPECIFICATION SHEET
PUMP MODEL C8iHT

C8iHT.01
Effective 23.06.09
Replaces 23.02.09



CHARACTERISTICS

		STANDARD	AVAILABLE OPTIONS
Technology		Eccentric Disc Mouvex®	
Maximum Flow rate at 1 cSt L/h (GPM)		8000 (35.22)	
Cubic capacity L (cu.in)		0.178 (6.59)	
Inlet chamber volume L (cu.in)		1.47 (89.70)	
Outlet chamber volume L (cu.in)		0.41 (25.02)	
Ports		DN 50 ISO PN16 flanges	ISO PN20 flanges
			SMS 1145
			DIN 11851
			DIN 11864 BF-A Aseptik fl.
			BS4825-5
			CONNECT-S®
			CLAMP (ISO 2858)
			CHERRY BURREL
			IDF(ISO 2853)
Pump heating		None	Heating jacket
Dimensions mm (in.) (With ISO PN16 flanges)	**A**	516.5 (20.34)	
	B	171 (6.73)	
	C	284 (11.18)	
	D	311 (12.25)	
	E	438 (17.25)	
Weight kg (lbs)		58 (128)	



Non-contractual document. Mouvex may modify the products described in this document without prior notice.

SPECIFICATION SHEET
PUMP MODEL C8iHT

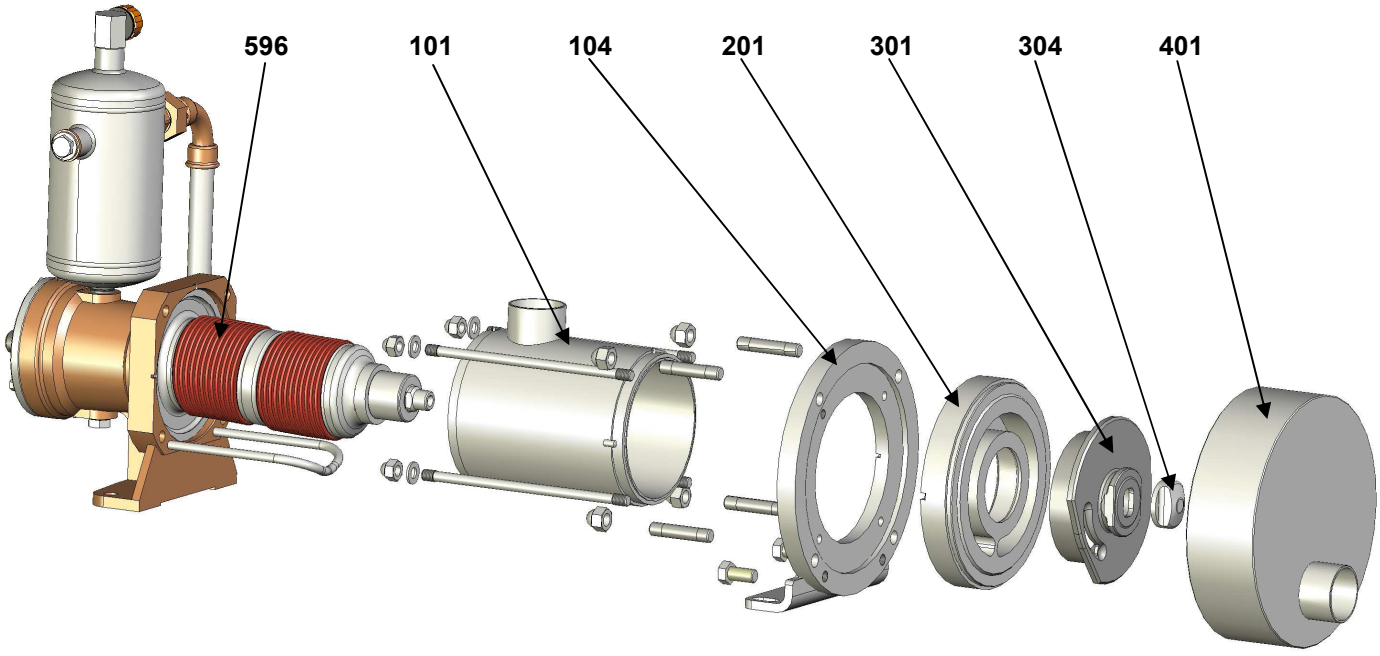
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OPERATING LIMITS

	STANDARD MATERIALS
Minimum temperature ℃ (℉)	-15 (5)
Maximum temperature ℃ (℉)	160 (320)
Maximum viscosity cSt (SSU)	10000 (46350)
Maximum differential pressure bar (psi)	9 (130)
Maximum inlet pressure barg (psig)	1 (14.5)
Maximum speed rpm	750
Maximum solid particle size mm (in)	2 (0.079)
Maximum soft particle size mm (in)	6.5 (0.25)

MATERIALS OF CONSTRUCTION

Part No	PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
101	Inlet Tube	316L Stainless Steel (low carbon)	
104	Inlet tube Bracket	316L Stainless Steel (low carbon)	
201	Cylinder	316L Stainless Steel (low carbon)	
301	Disc	CY5SnBiM (anti galling alloy)	
304	Disc Nut	316Ti Stainless Steel (Titanium Alloy)	
401	Outlet Cover	316L Stainless Steel (low carbon)	
	Bolts	316L Stainless Steel (low carbon)	
596	**Transmission Assembly**		
	Bearings	Ball / Roller / Needle	
	Bellows Assembly	316Ti & 316 L Stainless Fabrication	
	Housing	Cast iron	
	Screws	Steel	
	Transmission Lubricant	Synthetic oil	
	Seal Rings	Fluorocarbon (FKM) O-Rings	L - FKM gaskets PTFE Encapsulated O-rings



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